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(Incomplete)

MONTHLY BULLETIN

of

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

AUGUST 1921

47516

J. A. BROWN, DIRECTOR

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AUGUST 1921

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sun shine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	756.2	756.2	756.5	756.3	30.0	22.1			
2	6.4	6.1	6.1	6.2	30.9	22.8			
3	5.0	5.3	5.0	5.1	31.5	25.1			
4	5.3	5.3	4.9	5.2	31.1	25.2			
5	4.4	4.2	3.9	4.2	31.5	25.1	—	—	—
6	3.7	3.5	3.4	3.5	31.1	23.8			
7	3.2	3.4	3.5	3.4	31.0	23.3			
8	3.5	3.9	4.3	3.9	31.0	23.4			
9	4.9	4.9	5.2	5.0	31.1	23.8			
10	5.7	5.5	4.7	5.3	31.0	24.3	—	—	—
11	5.2	5.0	4.2	4.8	31.4	24.3			
12	5.0	4.1	3.9	4.3	33.2	24.9			
13	4.8	4.5	3.9	4.4	31.6	24.9			
14	4.9	4.9	4.6	4.8	31.8	23.8			
15	5.3	5.7	6.0	5.7	31.1	23.3	—	—	1.27
16	7.3	7.3	7.6	7.4	31.2	24.1			
17	8.5	8.4	8.3	8.4	30.5	24.6			
18	7.8	6.7	6.8	7.1	30.5	24.4			
19	4.9	4.1	3.4	4.1	30.9	22.8			
20	2.9	2.4	2.4	2.6	31.3	22.8	—	—	—
21	3.6	4.2	5.1	4.3	31.2	24.3			
22	6.1	6.8	7.3	6.7	30.7	23.3			
23	7.9	7.9	7.3	7.7	31.1	22.9			
24	5.9	5.3	4.9	5.4	31.9	25.0			
25	5.2	5.5	6.1	5.6	32.4	23.9	—	—	—
26	6.0	6.2	6.3	6.2	31.1	23.9			
27	6.4	6.5	6.7	6.5	31.2	27.3			
28	7.2	6.7	6.4	6.8	32.1	26.0			
29	7.7	7.0	6.4	7.0	32.5	25.7			
30	4.7	4.4	3.9	4.3	32.6	24.6			
31	4.8	4.5	4.7	4.7	32.1	23.4	—	—	—
	755.49	755.43	755.26	755.38	31.38	24.17			1.27

BAROMETER

Maximum	758.5	on 17th
Minimum	752.4	on 20th

THERMOMETER

Maximum	33.2	on 12th
Minimum	22.1	on 1st
Minimum on grass		on

RAINFALL

Maximum 1.27 mm. on 15th

Number of days with rain 1 thunderstorms 0 fog 0 gale 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	26.5	29.4	28.2	28.0	22.8	23.3	23.3	17.7	16.7	17.5	17.3	67	55	61	61
2	28.4	28.4	26.7	26.7	22.9	24.1	22.9	16.6	18.7	17.8	17.3	58	65	68	64
3	27.7	31.1	26.7	26.7	23.4	25.2	23.8	17.9	18.9	19.5	18.8	64	56	75	65
4	28.2	31.1	26.6	26.6	23.3	25.5	23.5	17.4	19.6	19.0	18.7	61	58	73	64
5	28.3	31.0	26.8	26.8	24.4	26.0	24.3	19.4	20.7	20.5	20.2	68	62	78	69
6	28.2	30.8	26.7	28.7	24.6	20.0	24.0	19.8	20.8	19.9	20.2	70	62	75	69
7	28.6	30.6	26.7	28.6	24.0	25.9	24.1	18.4	20.9	20.0	19.8	63	64	77	68
8	27.8	30.3	26.8	28.3	23.8	25.2	24.2	18.6	19.5	20.3	19.5	67	60	77	68
9	27.7	30.7	27.2	28.5	24.4	25.8	24.9	20.0	20.5	21.3	20.6	72	62	79	71
10	27.7	30.5	27.7	28.6	24.9	25.6	25.0	21.0	20.2	21.2	20.8	76	61	77	71
11	28.8	31.3	28.2	29.4	25.6	26.4	25.6	21.4	21.3	21.9	21.5	73	62	77	71
12	28.7	30.0	28.3	29.0	26.0	26.0	25.7	22.5	21.5	22.0	22.0	77	67	77	74
13	28.2	31.1	28.1	29.1	24.0	25.2	25.7	18.7	19.0	22.4	20.0	66	56	80	67
14	28.9	31.4	28.0	29.4	24.6	24.9	25.2	19.3	18.3	21.4	19.7	65	53	76	65
15	25.7	29.6	27.1	27.5	22.5	23.8	22.9	17.8	17.6	17.4	17.6	72	57	66	65
16	28.3	30.5	26.8	28.5	23.7	24.7	23.4	18.0	18.4	18.7	18.4	62	56	71	63
17	27.7	29.4	26.8	28.0	23.8	23.4	23.6	18.7	16.9	18.6	18.1	67	55	69	64
18	27.2	29.9	26.6	27.9	22.6	23.6	22.1	16.9	16.8	16.4	16.7	63	53	62	59
19	28.3	30.8	27.3	28.8	22.7	23.6	22.9	16.6	16.5	17.8	17.0	60	50	68	59
20	27.7	30.5	26.6	28.3	23.3	23.7	24.4	17.4	16.5	20.2	18.0	60	49	76	62
21	26.8	30.9	26.8	28.2	23.4	25.4	24.2	18.9	19.6	20.2	19.5	71	58	77	69
22	27.2	30.4	26.8	28.1	24.2	25.4	24.0	19.9	19.9	19.9	19.9	74	61	76	70
23	26.6	30.7	26.7	28.0	23.3	25.0	24.0	18.5	18.9	19.9	19.1	71	57	76	68
24	27.8	30.7	27.2	28.6	24.4	26.0	24.3	19.8	20.9	20.1	20.3	72	63	76	70
25	27.7	31.4	27.2	28.8	24.9	25.9	24.7	21.0	20.2	20.9	20.7	75	58	78	70
26	28.2	30.1	27.7	29.0	24.3	25.4	24.6	19.3	20.2	20.4	20.0	68	63	79	68
27	29.4	31.0	27.4	29.3	23.4	26.1	24.9	17.0	20.8	21.2	19.7	56	63	78	66
28	29.5	31.6	29.0	30.0	23.8	26.2	24.6	17.5	20.5	19.3	19.1	57	58	64	60
29	29.2	31.6	27.7	29.5	26.6	27.2	25.7	23.3	22.7	22.8	22.9	76	66	83	75
30	28.5	32.5	27.3	29.4	24.9	26.9	24.3	20.2	21.4	20.0	20.5	70	57	74	67
31	27.6	31.4	27.0	28.7	24.3	26.5	25.1	19.9	21.4	22.8	21.1	73	62	83	73
	27.97	30.67	27.25	28.42				19.01	19.54	20.04	19.52	67.5	59.0	74.2	66.9

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to "Summer Time" of Standard Time of 30th E. Meridian.

AUGUST 1921

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	1cu	0	0	0.3	0	1sw	0	137.9	calm	
2	3cu	0	0	1.0	1sw	2sw	0	183.4	,,	
3	0	0	0	0.0	3sw	3sw	0	346.0	v. Slight	
4	0	0	0	0.0	3sw	3sw	1sw	381.7	,,	
5	0	0	0	0.0	2sw	2sw	1sw	381.1	,,	
6	0	0	0	0.0	0	2sw	1sw	298.2	calm	
7	0	0	0	0.0	2sw	2sw	0	225.6	,,	
8	0	7cu	8cu	5.0	3sw	2sw	0	258.3	v. Slight	
9	1cu	2cu	9cu n	4.0	0	1sw	0	151.3	calm	
10	4cu	0	0	1.3	0	0	0	85.6	,,	
11	0	0	0	0.0	0	0	0	128.9	,,	
12	5cu	6cu	0	3.7	0	0	0	120.7	,,	
13	6cu n	4cu	7cu n	5.7	2sw	1sw	0	176.2	,,	
14	4cu	0	9cu n	4.3	1sw	1sw	0	122.2	,,	
15	9cu n	10cu n	10cu n	9.7	1sw	1sw	0	267.8	,,	
16	8cu n	6cu n	2cu ci	5.3	0	2sw	0	146.9	v. Slight	
17	2cu	4cu	2cu ci	2.7	0	1sw	0	113.6	,,	
18	0	0	0	0.0	1sw	0	0	109.3	,,	
19	2cu	0	3cu	1.7	1sw	1sw	0	243.8	,,	
20	0	0	0	0.0	0	0	0	194.7	calm	
21	2cu	0	3cu	1.7	0	1sw	0	165.9	,,	
22	0	0	0	0.0	0	1sw	0	107.8	,,	
23	0	0	0	0.0	0	1sw	0	104.6	,,	
24	0	0	0	0.0	2sw	2sw	0	254.5	,,	
25	1cu	0	0	0.3	0	1sw	0	151.5	,,	
26	0	0	0	0.0	0	2n	1n	73.7	,,	
27	0	0	0	0.0	2n	1sw	0	376.0	,,	
28	0	0	0	0.0	0	0	0	258.8	,,	
29	0	0	0	0.0	0	1sw	0	147.5	,,	
30	0	0	0	0.0	0	0	0	80.4	,,	
31	0	0	0	0.0	1sw	2sw	0	113.8	,,	
								190.5		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	0	0	0	13	0	0	17
2:30	1	0	0	0	0	23	0	0	7
8:30	1	0	0	0	0	3	0	0	27
Totals	3	0	0	0	0	39	0	0	51